

RESOPS Performance Measures/Indicators

Lake Okeechobee

- Lake Okeechobee Upper Stage Envelope
- Lake Okeechobee Lower Stage Envelope
- Lake O water budget
- Lake O annual flows
- Lake O stage duration curves and stage hydrographs
- Lake O stage statistics
- Phosphorus Loading to Lake Okeechobee (non-RESOPS)

St. Lucie Estuary

- Average flow composition (split composition LO + local run-off)
- Distribution of mean monthly flows
 - <350 cfs (minimal)
 - 350-2000 cfs (favorable)
 - 2000 - 3000 cfs (stress)
 - >3000 cfs (damaging)
- Annual Frequency of High Discharge Events
- LO regulatory discharges in excess of estuary demand

Caloosahatchee Estuary

- S-79 average flow composition (split composition LO + local run-off)
- Distribution of S-79 mean monthly flows
 - <450 cfs (minimal)
 - 450-2800 cfs (favorable)
 - 2800-4500 cfs (damaging)
 - >4500 cfs (damaging)
- Annual Frequency of High Discharge Events
- LO regulatory discharges in excess of estuary demand

EAA and Western Basins (including Tribal Demands)

- LOSA Supply and Demand not delivered
- LOSA Supply and Demand not delivered for Average of 7-largest drought years

Everglades and Florida Bay

- Average annual flows to Everglades
- Seasonality of flows to Everglades
- Inter-Annual variability of flows to Everglades
- Average Dry Year Flows to Everglades
- Treatment Area Sizing Check

Storage and Treatment Features (North, South, West, East and Treatment Area)

- Water budgets
- Stage duration curves and stage hydrographs
- Inflow diversion duration curves

Note: Additional Performance Measure and Indicators may be considered as part of the River of Grass Phase 1 Planning Effort